

SOLICITATION INFORMATION

May 17, 2004

BID NUMBER #B03817

**TITLE: RI CONTRACT #2004-CH-011
SAFETY IMPROVEMENTS ADMIRAL
KALBFUS RD & WEST MAIN RD**

OPENING DATE AND TIME: 06/06/04 – 11:30 A.M. *jm*

PRE-BID/ PROPOSAL CONFERENCE: YES

DATE: 6/3/04 – TIME: 9:00 A.M.

LOCATION: RHODE ISLAND DOT – 2 CAPITOL HILL, RM. 126 (TMC) PROVIDENCE, RI

SURETY REQUIRED: YES

BOND REQUIRED: YES

**JEROME MOYNIHAN, C.P.M., CPPO
ADMINISTRATOR OF PURCHASING SYSTEMS**

JM/dls

**Vendors must register on-line at the State Purchasing Website at
www.purchasing.state.ri.us to be able to download a Bidder Certification Cover
Form which must accompany each offer.**

NOTE TO VENDORS:

**Offers received without the entire completed three-page RIVIP
Generated Bidder Certification Cover Form attached may result in
offer disqualification.**

THIS PAGE IS NOT A BIDDER CERTIFICATION FORM

NOTICE

THERE MAY BE ADDITIONAL ADDENDA TO THIS BID/RFP AT ANY TIME BEFORE THE OPENING DATE AND TIME.

THE DIVISION OF PURCHASES WILL NOT BE NOTIFYING BY MAIL OF ANY SUCH ADDENDA.

IT IS THE VENDOR'S RESPONSIBILITY TO CHECK AND DOWNLOAD ANY AND ALL ADDENDA.

AN ADDENDUM TO A BID/RFP IS LISTED AS THE BID NUMBER WITH AN "A" AND THE NUMBER OF THE ADDENDUM FOLLOWING; FOR EXAMPLE, **3025A1** INDICATES ADDENDUM #1 HAS BEEN ISSUED FOR BID 3025. **3025A2** INDICATES ADDENDUM #2 HAS BEEN ISSUED. YOU MUST CLICK ON ALL OF THESE LISTINGS TO GET THE COMPLETE PACKAGE.

IF NOT BIDDING ON ANY ITEM, DO NOT RESPOND, IN ANY WAY, TO THE DIVISION OF PURCHASES.

DISCLAIMER

While the State of Rhode Island intends to maintain continuous access to this Website, from time to time access to information and/or documents may be interrupted or prevented either because of site problems, user problems or Internet problems. Not all access difficulties can be resolved by the State of Rhode Island since some access failures may be due to the type of computer or communication equipment and services employed by the Website User. However, it is the State's policy to provide a Help Desk (401) 222-2142 ext. 134 during regular business hours to assist Users in identifying and overcoming access problems.

To assure maximum access opportunities for Users, solicitations shall be posted on the RIVIP for a minimum of seven days and no amendments shall be made within the last five days before the date an offer is due. Vendors are cautioned that the competitive nature of their offers could be affected if their submissions do not include all amendments. For this reason, vendors are advised to revisit all solicitations to which they intend to respond five days prior to the due dates. If access to solicitations on the Website has been severely curtailed, it shall be the policy of the State to extend the due date of affected solicitations.

In some cases (e.g., road construction) copies of plans and specifications which cannot be offered on-line are issued with a requirement for a refundable deposit. In such instances, in addition to announcements provided on the RIVIP, vendors on the known lists of plans and specifications depositors will receive direct notification of amendments.

Except when access to the Website has been severely curtailed and it is determined by the Rhode Island State Purchasing Agent that special circumstances preclude extending a solicitation due date, requests to mail or fax hard copies of solicitations will not be honored.

When the result of an Internet solicitation of registered vendors is unsuccessful (no offers, one offer which exceeds the estimated cost) the State of Rhode Island will cancel the original solicitation and resolicit the original offer directly from vendors. The Purchasing Agent reserves the right to solicit offers from unregistered vendors as well as registered vendors.

Rhode Island Department of Transportation (RIDOT)

Notice to Contractors**THIS IS A DISK-BASED BID**

Bid offers will be accepted *only on disk generated by RIDOT-supplied software called Quest Lite; each disk must be accompanied by a hard copy signed offer printed from the software and submitted at the Bid Opening.* Minimum computer hardware and operating system requirements are listed here. *Training is strongly recommended; SEE BELOW.*

Contact these RIDOT Offices Mon – Fri, 8:30AM– 4:00PM for:

RIDOT CONTRACT ADMINISTRATION

Rm. 108, Two Capitol Hill, Providence, RI 02903

Phone: 401-222-2495

1. Required Registration Codes for Each Bidder

Registration Codes for RIDOT software are necessary to use the software; a firm only needs to register once to acquire secure, unique codes to be used with any and all RIDOT disk-based construction project bids.

2. Required Software on CD-ROM, Project Documents including Distribution of Quantities and Engineering Plans, as Applicable**3. Addenda, should any be necessary, will be available on Purchases' RIVIP website at: www.purchasing.state.ri.us**

Planholders are to poll the RIVIP to keep up-to-date on addenda; as a courtesy RIDOT will contact planholders to ensure planholders are current. RIDOT will also distribute any additional Engineering plans.

RIDOT PROJECT TRACKING UNIT, Chief Engineer

Two Capitol Hill, Providence, RI 02903

Phone: 401-222-2492

4. Recommended Training can be requested up to 11:30 AM the date of the scheduled PRE-BID Conference Call to schedule training.

Training is provided in a hands-on computer classroom setting at: PLEXUS Corp., 245 Phenix Ave., Cranston, RI. Arrangements must be made through RIDOT.

5. Technical Support is available.**Minimum Computer Hardware and Operating System Requirements**

- Pentium 400MHz PC
- CD-ROM Drive
- Floppy Drive
- 128 MB RAM (/memory)
- 50 MB of Free Hard Disk space for the installation
- Printer
- Windows 98 SE, Windows NT (w/SP6), Windows 2000 (w/SP2) or Windows XP

*** All Projects Advertised After August 13, 2002 ***

ELECTRONIC BIDDING PROCEDURE NOTICE

All Bidders MUST register in person at the office of Contract Administration to obtain necessary Bidder Registration and Digital ID's.

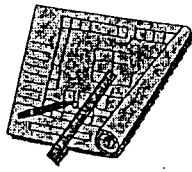
NO BID OFFER WILL BE ACCEPTED WITHOUT PROPER BIDDER REGISTRATION AND DIGITAL ID'S.

RHODE ISLAND DEPARTMENT OF TRANSPORTATION

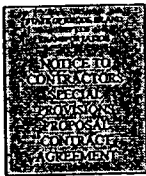
RIDOT Provides:



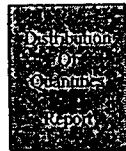
Disk



Plans

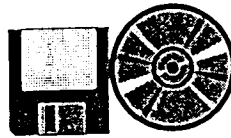


Contract Document

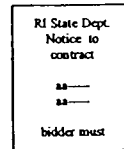


DOQ Report

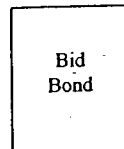
Bidder Must Submit:



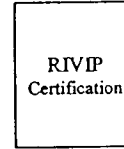
Readable 3 1/2"
High Density
Disk or CD



Completed &
Signed Proposal



Completed Bond



Completed & Signed

Call the office of the Chief Engineer Project Tracking Unit
at 222-2492 Ext. 4059 with any technical problems
Office Hours: 8:30 AM – 4:00 PM

EFFECTIVE FOR ALL PROJECTS ADVERTISED AFTER AUGUST 13, 2002,

NO BID OFFER WILL BE CONSIDERED

UNLESS ACCOMPANIED BY A 3 1/2" DISK OR CD

CONTAINING THE BID PROPOSAL FILE

GENERATED BY THE RIDOT BID PREPARATION PROGRAM

*Failure to comply will result in a mandatory disqualification per Section 102.07 of the RI
Dept. of Transportation's Standard Specifications for the Road and Bridge Construction
1997 Edition and Division 1, Part 100, General Requirements and Covenants,*

Revision of 2002

Revision 8/12/02

**State of Rhode Island and Providence Plantations
Department of Transportation - Design Section**

**Notice to Contractors
Special Provisions
Proposal
Contact Agreement
Contract Bond**

for the Performance of

Rhode Island Contract Number: 2004-CH-011

Rhode Island Federal-Aid\State-Aid Project Numbers: STPG-8888(170), STP-RESF(056)

Project: 1R HIGHWAY SAFETY IMPROVEMENTS TO ADMIRAL KALBFUS RD AND WEST MAIN RD

Limits: Admiral Kalbfus Road: From Malbone Road to West Main Road, and West Main Road: From Admiral Kalbfus Road to East Main Road

City/Town: MIDDLETOWN, NEWPORT

County: NEWPORT

Submitted By: _____

Address: _____

Name of Surety: _____

Total Bid: _____

(BIDDER MUST FILL IN ALL ABOVE SPACES)

The basis of award of the Contract will be the total bid for all quantities of work in the proposal subject to review and correction as provided for in the Rhode Island Department of Transportation Standard Specifications for Road and Bridge Construction and Standard Details.

NOTE: The State of Rhode Island Standard Specifications for Road and Bridge Construction and Standard Details consists of the following:

- The Rhode Island Standard Specifications for Road and Bridge Construction, 1997 Edition.
- The Rhode Island Standard Details, 1998 Edition, with all revisions.
- The Rhode Island Standard Details Section 100, revised July 2002.

*** Please note new specifications regarding use of Quest Lite software for bid preparation.**

They may be obtained at the Rhode Island Department of Transportation, Office of the Chief Engineer, upon request.

**STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
DEPARTMENT OF ADMINISTRATION - DIVISION OF PURCHASES**

NOTICE TO HIGHWAY AND BRIDGE CONTRACTORS

Sealed Proposals addressed to the State Purchasing Agent, Rhode Island Department of Administration, Division of Purchases, One Capitol Hill, Providence, Rhode Island 02903, will be opened and read in public on **JUNE 16, 2004 at 11:30AM**. All bidders **MUST** register online at www.purchasing.state.ri.us. A Bidder Certification Cover Sheet **MUST** accompany each bid. Bid item description and quantities estimated for this project will also be available online. Should you need assistance in registering or downloading a bid, call (401) 222-2142 ext. 134. Failure to comply will result in mandatory disqualification per Item 4 of Section 102.12 of the Rhode Island Department of Transportation's Standard Specifications for Road and Bridge Construction 1997 Edition and RI General Law 37-2-17 which references the RI Vendor Information Program (RIVIP).

DESCRIPTION: R.I. Contract No. 2004-CH-011, Federal Aid Project Nos. STP-RESF(056) & STPG-8888(170) is for the 1R Highway Safety Improvements to Admiral Kalbfus Road and West Main Road (Route 138) in Newport & Middletown, Rhode Island. The work encompassed by this contract shall include, but not be limited to the following: Resurfacing, curb and sidewalk replacement, modification of the existing drainage structures, cleaning and flushing the existing drainage system, adjusting utility structures, new signing and pavement markings, replacement and/or addition of new traffic signal and pedestrian signal equipment, added lighting, maintenance and protection of traffic, temporary pavement markings, cold planing, and all incidentals, complete in place, and accepted, as necessary to complete the work of this contract to the satisfaction of the Engineer.

The Contractor will be required to meet the established goal of not less than DBE 2% percent of the contract bid price to the Contractors, Subcontractors, and/or suppliers which qualify as Disadvantaged Business Enterprises.

Computer Disks for competitive bidding for the above described work will be furnished by the Department of Transportation, Division of Administrative Services, Contract Administration Section, Room 108, Two Capitol Hill, Providence, Rhode Island, 02903, Tel.Number (401)-222-2495. The Plans, Specifications and Special Provisions may also be examined on or after **MAY 26, 2004** every weekday except holidays between the hours of 8:00 AM and 4:00 PM.

The Bid Package consists of a compact disk containing Construction Plans, Specifications, Distribution of Quantities, the Quest Lite bid file, Quest Lite installation software, and the Quest Lite User Manual. Only complete bid packages will be issued.

Questions and comments regarding this project must be forwarded to the following email address: 2004CH011@DOT.STATE.RI.US

Please also note that all Bidding Documents required to be submitted and in fact submitted to the Purchasing Agent as part of a bid will be considered returned to the State and need not be returned to RIDOT.

A bid bond payable to the State of Rhode Island, in the amount of 5% of the total or gross sum of the bid must be furnished by each bidder. The Proposal Guaranty will be furnished by surety companies authorized/licensed to do business in the State of Rhode Island. The State reserves the right to retain the surety of all bidders until the successful bidder enters into the Contract or until such time as the award or cancellation of the Contract is announced at which point Sureties will be returned to all bidders by the State of Rhode Island. A performance bond of one hundred (100) percent of the contract price with a satisfactory surety company will be required of the successful bidder. All surety companies must be listed with The Department of the Treasury, Fiscal Services, Circular 570, (Latest Revision published by the Federal Register). The Department of Transportation reserves the right to reject any or all bids.

Required Contract Provisions - The attention of prospective bidders is called to the fact that this project is to be bid upon and the contract executed under the rules and regulations for carrying out the provisions of the Federal-Aid Highway Act, subject to all appropriate Federal Laws, including Title VI of the Civil Rights Act of 1964, as amended and supplemented, and the required provisions for Federal - Aid Contracts, as provided for in Chapters 85, 86 and 88 of the Public Laws of Rhode Island, 1960.

Wages of labor on Federal -Aid Highway Projects - the prevailing rate of wages for laborers and mechanics employed by contractors or subcontractors on the initial construction of highway projects on the Federal - Aid Highway System, authorized under the Federal Highway Act of 1968, shall be paid wages at rates not less than those prevailing on the same type of work on similar construction in the immediate locality as determined by the United States Secretary of Labor, in accordance with the Act of August 30, 1935, known as the Davis - Bacon Act, under Decision Nos. 1 through 6 as applicable.

Prevailing wage rates and Davis - Bacon Wage Determination Reference Materials are available online at <http://158.123.15.128/info.htm>. It is advisable to print only the pages applicable to this bid; the rates active on the Rhode

Island Vendor Information Program's bid solicitation date for this project are applicable for the duration of the contract resulting from this bid.

Work Hours Act of 1962 - This contract is subject to Work Hours Act of 1962, Public Law 87-581 and implementing regulations.

Pre-Bid Conference - A Pre-Bid Conference will be held in Providence, Rhode Island, Two Capitol Hill, Rm. 126, Traffic Management Center (TMC) at **9:00am** on **JUNE 3, 2004** for the purpose of reviewing construction problems and/or operations concerning the project. Individuals requesting interpreter services for the hearing impaired must notify 401-222-4971 (T.D.D.) a minimum of at least three(3) business days, seventy-two(72) hours prior to the conference date.

DEPARTMENT OF ADMINISTRATION

DIVISION OF PURCHASES

BY PETER S. CORR

ASSOCIATE DIRECTOR/PURCHASING AGENT

SPECIAL NOTE

ANY REFERENCE TO THE RHODE ISLAND DEPARTMENT OF PUBLIC WORKS OR THE DIRECTOR OF PUBLIC WORKS SHOULD BE REVISED TO THE RHODE ISLAND DEPARTMENT OF TRANSPORTATION AND THE DIRECTOR OF TRANSPORTATION RESPECTIVELY.

NOTICE TO ALL BIDDERS

To report bid rigging activities call:

1-800-424-9071

The U.S. Department of Transportation (DOT) operates the above toll-free hotline Monday through Friday, 8:00 a.m. to 5 p.m. eastern time. Anyone with knowledge of possible bid rigging, bidder collusion, or other fraudulent activities should use the hotline to report such activities.

The hotline is part of the DOT's continuing effort to identify, and investigate highway construction contract fraud and abuse and is operated under the direction of the DOT Inspector General. All information will be treated confidentially and caller anonymity will be respected.

Items List

Date: 4/30/2004

Project Name - 1R HIGHWAY SAFETY IMPROVEMENTS TO ADMIRAL
KALBFUS RD AND WEST MAIN RD
R.I. Contract No. - 2004-CH-011
FAP Nos: STPG-8888(170), STP-RESF(056)

Seq No.	Item Code	Description	Quantity	UM
001	201.0402	REMOVE AND DISPOSE CONCRETE CURB	9,329.00	LF
002	201.0403	REMOVE AND DISPOSE SIDEWALKS	8,275.00	SY
003	201.0407	REMOVE AND DISPOSE PAVEMENT AND RIGID BASE	1,013.00	SY
004	201.0409	REMOVE AND DISPOSE FLEXIBLE PAVEMENT	2,660.00	SY
005	201.0453	REMOVE AND STOCKPILE ON SITE FRAME GRATES AND COVERS	72.00	EACH
006	201.0610	REMOVE AND DISPOSE DIRECTIONAL, WARNING, REGULATORY, SERVICE, AND STREET SIGNS	68.00	EACH
S007	201.9901	REMOVE AND SALVAGE TRAFFIC SIGNAL SYSTEM	1.00	LS
008	202.0100	EARTH EXCAVATION	2,417.00	CY
009	204.0100	TRIMMING AND FINE GRADING	11,688.00	SY
010	206.0208	REMOVAL OF BALED HAY EROSION CHECKS	420.00	LF
011	209.0110	BALED HAY CATCH BASIN INLET PROTECTION	420.00	LF
012	212.2000	CLEANING AND MAINTENANCE OF EROSION CONTROLS	1.00	LS
013	302.0100	GRAVEL BORROW SUBBASE COURSE	2,064.00	CY
014	401.0100	BITUMINOUS BASE COURSE	60.00	TON
015	401.0101	BITUMINOUS BINDER COURSE	21.00	TON
016	401.0200	BITUMINOUS SURFACE COURSE TYPE I-1	3,318.00	TON
017	401.0300	BITUMINOUS SURFACE COURSE TYPE I-2	178.00	TON
018	403.0300	ASPHALT EMULSION TACK COAT	33,094.00	SY
019	410.1000	TEMPORARY PATCHING MATERIAL/TRENCHES	225.00	TON
020	601.0300	CLASS A(AE) PORTLAND CEMENT CONCRETE	641.00	CY
S021	701.0512	REINFORCED CONCRETE PIPE M 170 CLASS IV 12 INCH	14.00	LF
022	701.8003	PIPE BEDDING CLASS C	5.00	CY
023	701.9901	12" DUCTILE IRON PIPE	35.00	LF
024	702.0516	FRAME AND GRATE, HIGH CAPACITY, STANDARD 6.3.4	30.00	EACH
025	702.0517	FRAME AND GRATE, STANDARD 6.3.2	11.00	EACH
026	702.0522	FRAME AND COVER STANDARD 6.2.1	1.00	EACH
027	702.0530	PRECAST CONCRETE INLET STONE 5' STANDARD 7.1.5	29.00	EACH
028	702.0532	PRECAST CONCRETE APRON STONE 5' STANDARD 7.1.7	11.00	EACH
029	702.0704	CATCH BASIN TYPE 'F' SQUARE STANDARD 3.3.2	1.00	EACH
030	702.0713	PRECAST CONCRETE DROP INLET WITH APRON STONE STANDARD 4.5.1	1.00	EACH
031	702.9901	FRAME AND COVER STANDARD 6.1.1	30.00	EA
032	704.0100	RECONSTRUCT CATCH BASIN/CORBEL CONES	20.00	EACH
033	705.9901	RECONSTRUCT SQUARE CB TYPE "D" TO CATCH BASIN W/ GUTTER INLET	10.00	EA
034	705.9902	RECONSTRUCT DOUBLE SQUARE CB TYPE "D" TO CATCH BASIN W/ GUTTER INLET	1.00	EA
035	707.1200	ADJUST CATCH BASIN TO MANHOLE	1.00	EACH
036	707.1900	ADJUST FRAME & COVER TO GRADE	82.00	EACH
037	707.2000	ADJUST FRAME AND GRATE TO GRADE	82.00	EACH
038	708.9040	CLEANING AND FLUSHING PIPE ALL SIZES	9,000.00	LF

Items List

Date: 4/30/2004

Project Name - 1R HIGHWAY SAFETY IMPROVEMENTS TO ADMIRAL
KALBFUS RD AND WEST MAIN RD
R.I. Contract No. - 2004-CH-011
FAP Nos: STPG-8888(170), STP-RESF(056)

Seq No.	Item Code	Description	Quantity	UM
039	708.9041	CLEANING CATCH BASINS ALL TYPES AND SIZES	41.00	EACH
040	712.0100	WATER GATE BOX	25.00	EACH
041	712.0200	GAS GATE BOX	25.00	EACH
042	712.9901	CURB STOP BOX	25.00	EA
043	713.8268	ADJUST CURB STOP BOX TO GRADE	76.00	EACH
044	713.8269	ADJUST WATER GATE BOXES TO GRADE	100.00	EACH
045	713.8300	ADJUST GAS GATE BOXES TO GRADE	90.00	EACH
046	904.0110	PORTLAND CEMENT SIDEWALK MONOLITHIC STANDARD 43.1.0	639.00	CY
047	904.0115	PORTLAND CEMENT CONCRETE DRIVEWAY R.I. STANDARD 43.5.0	360.00	CY
048	904.0120	BITUMINOUS SIDEWALK TYPE I-1 STANDARD 43.2.0	15.00	TON
049	905.0110	GRANITE CURB, QUARRY SPLIT STRAIGHT, STANDARD 7.3.0	24.00	LF
050	905.0111	GRANITE CURB, QUARRY SPLIT CIRCULAR, STANDARD 7.3.0	24.00	LF
051	905.0118	GRANITE CURB, QUARRY SPLIT SPECIAL TRANSITION, STANDARD 7.3.2	2.00	EACH
052	905.0119	GRANITE TRANSITION CURB STANDARD 7.3.1	2.00	EACH
053	905.0210	CEMENT CONCRETE CURB PRECAST STRAIGHT STANDARD 7.1.0	7,810.00	LF
054	905.0211	CEMENT CONCRETE CURB PRECAST CIRCULAR STANDARD 7.1.0	774.00	LF
055	905.0221	PRECAST CONCRETE TRANSITION CURB STANDARD 7.1.2	95.00	EACH
056	905.0230	CEMENT CONCRETE CURB PRECAST STRAIGHT 10" X 18" STANDARD 7.2.0	20.00	LF
057	905.0231	CEMENT CONCRETE CURB PRECAST CIRCULAR 10" X 18" STANDARD 7.2.0	10.00	LF
058	905.0250	PRECAST CONCRETE WHEELCHAIR RAMP CURB RI STANDARDS 43.31 AND 43.3.0	53.00	EACH
059	905.0271	PRECAST CONCRETE TRANSITION CURB STANDARD 7.2.1	6.00	EACH
060	905.0280	PRECAST CONCRETE TRANSITION CURB STANDARD 7.1.1	86.00	EACH
061	905.0700	REMOVE, HANDLE, HAUL TRIM RESET CURB EDGING, STRAIGHT, CIRCULAR ALL TYPES	126.00	LF
062	906.0200	CALCIUM CHLORIDE FOR DUST CONTROL (PROJECT WIDE)	20.00	TON
063	914.5010	FLAGPERSONS	2,080.00	MHRS
064	914.5020	FLAGPERSONS - OVERTIME	1,040.00	MHRS
065	922.0100	TEMPORARY CONSTRUCTION SIGNS STANDARD 29.1.0	500.00	SF
066	923.0105	DRUM BARRICADE STANDARD 26.2.0	6,000.00	BDAY
067	923.0120	PLASTIC PIPE BARRICADE STANDARD 26.3.0	25.00	EACH
068	923.0125	PLASTIC PIPE BARRICADE WITH SANDBAG BASE	10.00	EACH
069	923.0200	FLUORESCENT TRAFFIC CONES STANDARD 26.1.0	100.00	EACH
070	929.0100	FIELD OFFICES 240 SQUARE FOOT MINIMUM	12.00	PMO
071	929.0300	CHAMP'S MANAGEMENT SYSTEM	10,000.00	EACH
072	931.0110	CLEANING AND SWEEPING PAVEMENT	660.00	HSY
073	932.0100	CUTTING AND MATCHING ASPHALT	840.00	LF
074	932.0200	FULL-DEPTH SAWCUT OF BITUMINOUS PAVEMENT	6,120.00	LF

Items List

Date: 4/30/2004

Project Name - 1R HIGHWAY SAFETY IMPROVEMENTS TO ADMIRAL
KALBFUS RD AND WEST MAIN RD
R.I. Contract No. - 2004-CH-011
FAP Nos: STPG-8888(170), STP-RESF(056)

Seq No.	Item Code	Description	Quantity	UM
075	932.0210	FULL DEPTH SAWCUT OF RIGID BASE BITUMINOUS PAVEMENT	4,971.00	LF
076	932.0220	FULL DEPTH SAWCUT OF BITUMINOUS SIDEWALK/DRIVEWAY	5,864.00	LF
077	932.0230	FULL DEPTH SAWCUT OF PORTLAND CEMENT CONCRETE SIDEWALK/DRIVEWAY	300.00	LF
078	935.0500	REMOVING BITUMINOUS SURFACE - COLD PLANING	21,408.00	SY
079	936.0110	MOBILIZATION	1.00	LS
080	937.0200	MAINTENANCE AND MOVEMENT TRAFFIC PROTECTION	1.00	LS
081	939.9901	DETECTABLE WARNING SYSTEMS, RI STD 48.1.0	342.00	SF
082	940.0100	TRAINEE MAN-HOURS	500.00	MNHR
083	L01.0102	LOAM BORROW 4 INCHES DEEP	2,568.00	SY
084	L01.9901	LIGUSTRUM OVALIFOLIUM	226.00	EACH
S085	L02.0102	RESIDENTIAL SEEDING (TYPE 2)	2,568.00	SY
S086	L08.9901	SHRUB TRIMMING ALONG SIDEWALKS	2,387.00	LF
S087	L10.0101	MECHANICAL TREE AND SHRUB ROOT PRUNING	500.00	LF
088	L11.0102	TREE PLANT PROTECTION DEVICE STANDARD 51.1.0	12.00	EACH
089	L11.0103	SHRUB PLANT PROTECTION DEVICE STANDARD 51.2.0	2,472.00	LF
S090	T04.5001	6 AWG SINGLE CONDUCTOR CABLE 600V INSULATION	800.00	LF
S091	T04.5302	14 AWG 2 CONDUCTOR TWISTED SHIELDED CABLE	2,305.00	LF
S092	T04.5303	14 AWG 3 CONDUCTOR CABLE	4,165.00	LF
S093	T04.5305	14 AWG 5 CONDUCTOR CABLE	5,915.00	LF
S094	T04.5307	14 AWG 7 CONDUCTOR CABLE	440.00	LF
S095	T04.9901	OPTICOM DETECTOR CABLE	1,000.00	LF
S096	T05.0100	HANDHOLE - TYPE A PRECAST (STDS 18.9 OR 18.10)	16.00	EACH
S097	T06.1020	2 IN. RIGID STEEL CONDUIT - UNDERGROUND	105.00	LF
S098	T06.1030	3 IN. RIGID STEEL CONDUIT-UNDERGROUND	25.00	LF
S099	T06.2020	2 IN. RIGID STEEL CONDUIT-OVERHEAD	60.00	LF
S100	T06.3020	2 IN. RIGID STEEL CONDUIT-UNDER EXISTING PAVEMENT	155.00	LF
S101	T06.3030	3 IN. RIGID STEEL CONDUIT-UNDER EXISTING PAVEMENT	810.00	LF
S102	T06.6020	2 INCH POLYVINYL CHLORIDE PLASTIC CONDUIT-OVERHEAD	80.00	LF
S103	T08.9901	WEST MAIN ROAD CROSSWALK LIGHTING - LINDEN SCHOOL DRIVE	1.00	LS
S104	T08.9902	WEST MAIN ROAD CROSSWALK LIGHTING - COMMERCIAL BOULEVARD	1.00	LS
S105	T11.1025	25 FOOT GAL STEEL MAST ARM TRAFFIC SIGNAL POST AND FOUNDATION STD 19.2.0	4.00	EACH
S106	T11.1030	30 FOOT GAL STEEL MAST ARM TRAFFIC SIGNAL POST AND FOUNDATION STD 19.2.0	1.00	EACH
S107	T11.2500	TRAFFIC SIGNAL STANDARD GALVANIZED STEEL STD. 19.3.0	4.00	EACH
S108	T11.6005	SPAN AND MESSENGER WIRES 5/16	380.00	LF
S109	T11.6006	SPAN AND MESSENGER WIRES 6/16	380.00	LF
S110	T11.9901	25 FOOT GALVANIZED STEEL MAST ARM TRAFFIC SIGNAL POST (MODIFIED-30' HIGH) AND FOU	5.00	EACH

Items List

Date: 4/30/2004

Project Name - 1R HIGHWAY SAFETY IMPROVEMENTS TO ADMIRAL
KALBFUS RD AND WEST MAIN RD
R.I. Contract No. - 2004-CH-011
FAP Nos: STPG-8888(170), STP-RESF(056)

Seq No.	Item Code	Description	Quantity	UM
S111	T11.9902	30 FOOT GALVANIZED STEEL MAST ARM TRAFFIC SIGNAL POST (MODIFIED-30' HIGH) AND FOU	1.00	EACH
S112	T12.9150	METER SOCKET W/MANUAL BY-PASS	4.00	EACH
S113	T12.9901	8 PHASE TS2 TYPE 1 CONTROLLER, 12 POSITION BACK PANEL, GROUND MOUNTED INCLUDING C	1.00	LS
S114	T12.9902	8 PHASE TS2 TYPE 1 CONTROLLER, 12 POSITION BACK PANEL, GROUND MOUNTED INCLUDING C	3.00	EACH
S115	T13.1000	TRAFFIC DETECTORS-LOOP, STANDARD 19.6.0A	2,595.00	LF
S116	T13.1004	TRAFFIC DETECTOR RELAY-LOOP 4 CHANNEL	8.00	EACH
S117	T13.9901	HEAVY DUTY PEDESTRIAN DETECTOR - PUSH BUTTON W/ SIGN	27.00	EACH
S118	T13.9902	OPTICOM DETECTOR - SINGLE CHANNEL, ONE-WAY	6.00	EACH
S119	T13.9903	OPTICOM PHASE SELECTOR AND CHASSIS	3.00	EACH
S120	T14.3413	1 WAY 3 SECTION SPAN MOUNTED SIGNAL HEAD 12 INCH	7.00	EACH
S121	T14.3416	1 WAY 4 SECTION SPAN MOUNTED SIGNAL HEAD 12 INCH (W/DUAL IND F.O. ARROW)	2.00	EACH
S122	T14.3513	1 WAY 3 SECTION MAST ARM MOUNTED SIGNAL HEAD 12 INCH	22.00	EACH
S123	T14.9901	1 WAY BRACKET MOUNTED L.E.D. PEDESTRIAN SIGNAL HEAD, 12 INCH	8.00	EACH
S124	T14.9902	2 WAY BRACKET MOUNTED L.E.D. PEDESTRIAN SIGNAL HEAD, 12 INCH	11.00	EACH
S125	T15.0100	DIRECTIONAL REGULATORY AND WARNING SIGNS	406.00	SF
126	T15.0200	REMOVE AND RELOCATE DIRECTIONAL REGULATORY AND WARNING SIGN	12.00	EACH
S127	T15.1000	STREET SIGN ASSEMBLY STD. 24.6.1	27.00	EACH
S128	T15.2000	PARKING SIGNS	21.00	SF
S129	T20.0004	4 INCH WHITE FAST - DRYING WATERBORNE PAVEMENT MARKING PAINT	25,852.00	LF
S130	T20.0012	12 INCH WHITE FAST - DRYING WATERBORNE PAVEMENT MARKING PAINT	4,183.00	LF
S131	T20.0104	4 INCH YELLOW FAST - DRYING WATERBORNE PAVEMENT MARKING PAINT	23,038.00	LF
S132	T20.0820	FAST DRYING WATERBORNE PAVEMENT ARROW - STRAIGHT, LEFT, RIGHT, OR COMBINED	11.00	EACH
S133	T20.0822	FAST DRYING WATERBORNE PAVEMENT MARKING WORD "ONLY"	11.00	EACH
S134	T20.2004	4 INCH EPOXY RESIN PAVEMENT MARKINGS WHITE	16,194.00	LF
S135	T20.2012	12 INCH EPOXY RESIN PAVEMENT MARKINGS WHITE	2,686.00	LF
S136	T20.2014	4 INCH EPOXY RESIN PAVEMENT MARKINGS YELLOW	14,830.00	LF
S137	T20.2020	EPOXY RESIN PAVEMENT ARROW - STRAIGHT, LEFT, RIGHT, OR COMBINED	7.00	EACH
S138	T20.2022	EPOXY RESIN PAVEMENT MARKING WORD "ONLY"	7.00	EACH